

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A hand-held and portable dual blood glucose meter, comprising:

a meter body (3) formed of a single display unit (7) on the front thereof to display measured numerical values and various pieces of pictorial information;

an upper receiving hole formed on the upper end of the meter body (3) for an upper measurement strip (5a) to be inserted into;

a lower receiving hole formed on the lower end of the meter body (3) for a lower measurement strip (5b) to be inserted into;
and

a single circuit board inside of the meter body (3), comprising:

an upper connector (13) connected with the upper receiving hole;

a lower connector (15) connected with the lower receiving hole;

a single measurement unit (19) for calculating signals generated in the upper or lower connector; and

a single micro-controller unit (17) for controlling various parts mounted on the single circuit board; and

~~wherein a display pattern of the display unit is changed according to the receiving hole into which the measurement strip is inserted~~

wherein, when one measurement strip is inserted into the upper or the lower receiving hole (12) and connected to the upper or the lower connector (13 or 15), an automatic start signal of the blood glucose meter is transmitted to the micro-controller unit (17) so that the operation of the blood glucose meter is automatically started, thereafter the micro-controller unit (17) transmits a signal to one connector to which said one measurement strip is connected to perform the measurement, while the micro-controller unit (17) transmits a signal to another connector to which said one measurement strip is not connected not to perform the measurement; and

when a blood sample is attached to said one measurement strip connected to said one connector, a measurement signal is generated, the blood glucose value of the measurement signal is calculated by the measurement unit (19), and the calculated blood glucose value is displayed on the display panel (7) through the micro-controller unit (17).

2. (canceled)

3. (previously presented) The dual blood glucose meter according to claim 1, wherein the micro-controller unit (17) transmits a measurable signal to one of the upper or lower connector (13, 15) and an un-measurable sign to the other.

4. (previously presented) The dual blood glucose meter according to claim 1, wherein an error message is displayed on the display unit (7) when both the upper connector (13) and lower connector (15) are connected with the measurement strip.

5. (original) The dual blood glucose meter according to Claim 1, the display unit is LCD.

6. (canceled)

7. (new) The dual blood glucose meter according to claim 1, wherein a display pattern of the display unit is changed according to the receiving hole into which the measurement strip is into which the measurement strip is inserted.